

Converting Colors

Hex(6D3297)

Have a look what the booklet for
Hex(6D3297) contains.

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Color

Hex(6D3297)

Conversions

Conversions Part 1

Format	Color
Hex	6D3297
RGB	109, 50, 151
RGB Percent	43%, 20%, 59%
CMY	0.5725, 0.8039, 0.4078
CMYK	0.28, 0.67, 0.00, 0.41
HSL	275°, 50%, 39%
HSV	275°, 67%, 59%
XYZ	13.0332, 7.7668, 30.0904
YIQ	79.1550, 2.7430, 43.9190

Conversions

Conversions Part 2

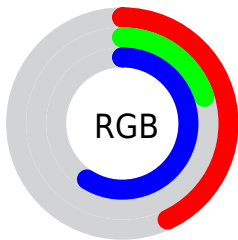
Format	Color
R_{YB}	109, 50, 151
Decimal	7156375
CIE _{Lab}	33.49, 44.51, -44.94
CIE _{LCh}	33, 63.249, 314.721
Yxy	7.7668, 0.2561, 0.1526
Android (android.graphics.Color)	4285346455 (0xFF6D3297)
YUV	79.1550, 35.4196, 26.1741
Hunter-Lab	27.8689, 34.7067, -44.5077

Details

The Hex color **6D3297** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5C9732**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A464CE**, and **380063** is the 20% darker color. If you saturate the color by 10%, you get **672397**, and if you desaturate by 10%, it is **734197**.

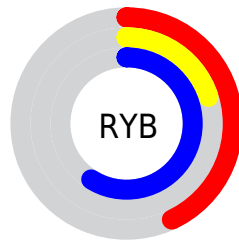
Distribution



Red (43%)

Green (20%)

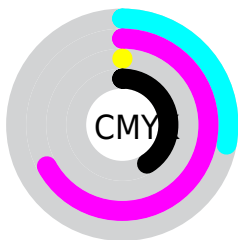
Blue (59%)



Red (43%)

Yellow (20%)

Blue (59%)

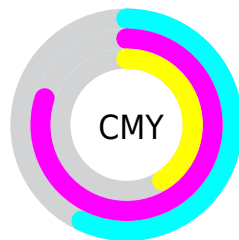


Cyan (28%)

Magenta (67%)

Yellow (0%)

Black (41%)



Cyan (57%)

Magenta (80%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3297 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6D3297 by changing the saturation by 10% instead.

 6D3297

 6D3297

FFFFFF

 52187D

 A464CE

 380063

 C07EEA

 1F004B

 DD99FF

 000033

 FAB5FF

 00021D

 FFD1FF

 000000

 FFEDFF

 6D3297

 6D3297

 672397

 734197

601497

7A5097

5A0597

805F97

580097

866E97

8C7E97

938D97

999C97

9FAB97

A6BA97

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004DB1



6D3297



99006A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6D3297



764300



006367

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6D3297



5C9732

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006232



6D3297



4B5400

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6D3297



952604



005D00



006295

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6D3297



A30049



005D00



006356

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6D3297



B49DC4



325C97



5A4C63



E3E3E3



636363

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6D3297



8327C4



97328F



49454D



52008C



07000D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



97325C



C42769



32973A



4D4548



8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 6D3297 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

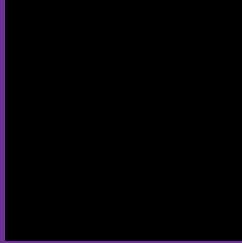
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6D3297 Background



This preview shows how black text looks on a background with the Hex color 6D3297.

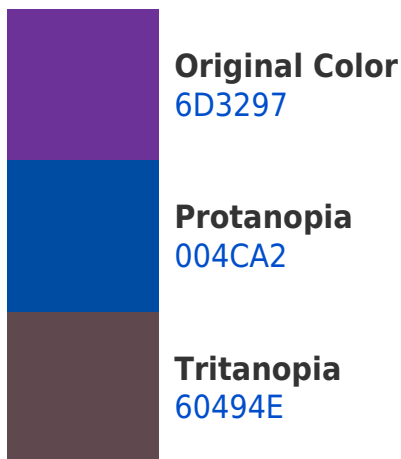


This preview shows how white text looks on a background with the Hex color 6D3297.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
6D3297



Protanomaly
28439E

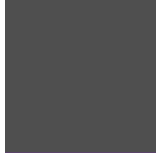


Tritanomaly
654169

Monochromacy



Original Color
6D3297



Achromatopsia
4F4F4F



Achromatomaly
5A4469

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3297 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6D3297 looks like.

```
.text, #text, p{  
    color:#6D3297  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6D3297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3297
}
```

Border

The CSS property to change the border of an element to Hex 6D3297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

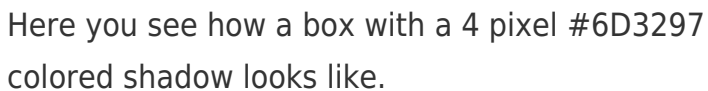
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3297 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6D3297 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6D3297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3297; -webkit-box-shadow:4px 4px  
4px 4px #6D3297; box-shadow:4px 4px 4px  
4px #6D3297 }
```

Background

The CSS property to change the background color of an element to Hex 6D3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3297 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6D3297 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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